Please amend Claims 1, 7, 17, 20, 23, 28, 39, 42, 45 and 46 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) An information processing apparatus comprising:

an accepting unit that accepts designation of a destination to be associated with encoded information;

an [[a]] extracting unit that extracts information having of identical/having an identical destination and type from the information stored in said storage unit; and

a transmitter which batch-transmits the pieces of information extracted by said extracting unit,

wherein said transmitter disconnects a line between batch-transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that said transmitter respectively batch-transmits the monochrome image and the color image via different calls.

2. (Original) The apparatus according to claim 1, further comprising a merging unit that merges the pieces of information extracted by said extracting unit into a smaller number of pieces of information, wherein said transmitter transmits the information merged by said merging unit to designated destination.

3. (Original) The apparatus according to claim 1, wherein said transmitter transmits the extracted information by originating calls fewer in number than the pieces of extracted information.

4. (Original) The apparatus according to claim 4, wherein said transmitter transmits the extracted information by originating a single call.

5. (Original) The apparatus according to claim 1, wherein said extracting unit further comprises:

a first extracting component that extracts pieces of information having an identical of destination from information stored in said storage unit; and

a second extracting component that extracts pieces of information of identical type from the pieces of information extracted by said first extracting component.

6. (Original) The apparatus according to claim 1, wherein the information processing apparatus is a color facsimile apparatus, and the information is image data.

7. (Currently amended) The apparatus according to claim 6, further comprising:

a reader unit that reads image data; and

an [[a]] encoder unit that encodes by a predetermined encoding method the image data read by said reader unit,

wherein said extracting unit extracts encoded image data as the information.

8. (Original) The apparatus according to claim 7, further comprising a determining unit that determines whether a plurality of image data read by said reader unit have a predetermined relationship to each other, wherein said encoder performs encoding by selecting an encoding method based on a determination made by said determining unit.

9. (Original) The apparatus according to claim 8, wherein the predetermined relationship is a relationship that is established when the plurality of image data are of the same type.

10. (Original) The apparatus according to claim 9, wherein:

said determining unit determines that the plurality of data have the predetermined relationship whenever all the plurality of image data is monochrome image data; and

said encoder unit encodes the plurality of monochrome image data by using a binary encoding method.

11. (Original) The apparatus according to claim 10, wherein the binary encoding method is MH encoding.

12. (Original) The apparatus according to claim 10, wherein the binary encoding method is MR encoding.

13. (Original) The apparatus according to claim 10, wherein the binary encoding method is MMR encoding.

14. (Original) The apparatus according to claim 10, wherein the binary encoding method is JBIG encoding.

15. (Currently amended) The apparatus according to claim 9, wherein:

said determining unit determines that the plurality of data do not have the predetermined relationship whenever not all the plurality of image data is monochrome image data, and

said encoder encodes the plurality of image data by a multilevel encoding method.

16. (Original) The apparatus according to claim 15, wherein the multilevel encoding method is JPEG encoding.

17. (Currently amended) An information processing apparatus comprising:

an input unit that inputs a destination for encoded information;

a storage unit that stores pieces of information to be transmitted to the input destination;

an extracting unit that extracts information identical destination and encoding method from the information stored in said storage; and

a transmitter that transmits the information extracted by said extracting unit,

wherein said transmitter disconnects a line between transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that said transmitter respectively transmits the monochrome image and the color image via different calls.

18. (Original) The apparatus according to claim 17, further comprising a merging unit that merges the pieces of information extracted by said extracting unit into a smaller number of pieces of information, wherein said transmitter transmits information merged by said merging unit to the destination.

19. (Original) The apparatus according to claim 17, wherein said transmitter transmits the extracted information by call originating calls fewer in number than the extracted information.

20. (Currently amended) An information processing apparatus comprising:

an input unit that inputs a destination to be associated with encoded information;

a storage unit that stores pieces of information to be transmitted to the input destination;

an extracting unit that extracts pieces of information which are common in terms of destination from the pieces of information stored in said storage unit;

a classifying unit that classifies the information extracted by said extracting unit according to information type;

a generator unit that generates an information group constituted by information of the same type; and

a transmitter that transmits transmitting the information for each of generated information groups.

wherein said transmitter disconnects a line between transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that said transmitter respectively transmits the monochrome image and the color image via different calls.

21. (Original) The apparatus according to claim 20, wherein said transmitter transmits the extracted information by call originations fewer in number than the pieces of information.

22. (Original) The apparatus according to claim 21, wherein said transmitter transmits the pieces of extracted information by originating a single call.

23. (Currently amended) An information processing method comprising the steps of:

accepting designation of a destination associated with encoded information;

storing information to be transmitted to the accepted destination;

extracting pieces of information of identical destination and type from information stored in the information storing step; [[and]]

batch-transmitting the pieces of extracted information; and

disconnecting a line between batch-transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that the monochrome image and the color image are respectively batch-transmitted via different calls..

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24. (Original) The method according to claim 23, further comprising the step of merging the pieces of extracted information into a smaller number of pieces of information, wherein, in the batch-transmitting step, the merged information is transmitted to the destination.

25. (Original) The method according to claim 23, wherein in the batch-transmitting step, the extracted information is transmitted by call originations fewer in number than the pieces of extracted information.

26. (Original) The method according to claim 25, wherein in the batch-transmitting step, the extracted information is transmitted by originating a single call.

27. (Original) The method according to claim 23, wherein the extracting step comprises:

a first extracting step of extracting information of identical destination from information stored in the storing step; and

a second extracting step of information of identical type from information extracted in the first extracting step.

28. (Currently amended) The method according to claim 23, wherein the information processing method is performed [[in/]]by a color facsimile apparatus, and the information is image data.

29. (Currently amended) The method according to claim 28, comprising the steps of:

reading image data; and

encoding the read image data by a predetermined encoding method,[[;]]

wherein, in the extracting step, the information extracted is encoded image data.

30. (Original) The method according to claim 29, further comprising the step of determining whether a plurality of image data read in the read step have a predetermined relationship to each other, wherein, in the encoding step, encoding is performed by selecting an encoding method based on the determination made in the determining step.

31. (Original) The method according to claim 30, wherein the predetermined relationship is a relationship that is established when the plurality of image data is of the same type.

32. (Original) The method according to claim 31, wherein:

in the determining step, it is determined that the plurality of data have the predetermined relationship whenever all the plurality of image data are monochrome image data; and

in the encoding step, the plurality of monochrome image data is encoded by using a binary encoding method.

33. (Original) The method according to claim 32, wherein the binary encoding method is MH encoding.

34. (Original) The method according to claim 32, wherein the binary encoding method is MR encoding.

35. (Original) The method according to claim 32, wherein the binary encoding method is MMR encoding.

36. (Original) The method according to claim 32, wherein the binary encoding method is JBIG encoding.

37. (Currently amended) The method according to claim 31, wherein:

in the determining step, it is determined that the plurality of data do not have the predetermined relationship whenever not all the plurality of image data are monochrome image data, and

in the encoding step, the plurality of image data are encoded by a multilevel encoding method.

38. (Original) The method according to claim 37, wherein the multilevel encoding method is JPEG encoding.

39. (Currently amended) An information processing method comprising the steps of:

inputting a destination for encoded information;

storing pieces of information to be transmitted to the input destination;

extracting pieces of information of identical destination and encoding method from stored information; [[and]]

transmitting the extracted information; and

disconnecting a line between transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that the monochrome image and the color image are respectively transmitted via different calls.

40. (Original) The method according to claim 39, further comprising the step of merging the pieces of extracted information into a smaller number of pieces of information, wherein, in the transmitting step, the information is transmitted to the destination.

41. (Original) The method according to claim 39, wherein in the transmitting step the extracted information is transmitted by call originations fewer in number than the extracted information.

42. (Currently amended) An information processing method comprising the steps of:

inputting a destination for encoded information;

storing the information to be transmitted to the input destination;

extracting pieces of information of identical destination from stored information;

classifying the pieces of extracted information according to an information type so as to generate an information group constituted by pieces of information of the same type; [[and]]

transmitting the pieces of information for each generated information group; and

disconnecting a line between transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that the monochrome image and the color image are respectively transmitted via different calls.

43. (Original) The method according to claim 42, wherein in the transmitting step, the pieces of extracted information are transmitted by call originations fewer in number than the pieces of information.

44. (Original) The method according to claim 43, wherein in the transmitting step the pieces of extracted information are transmitted by originating a single call.

45. (Currently amended) A computer program product having a computer-readable storage medium storing a computer program [[code]] which can be executed on a computer, the computer program product including:

a program code for inputting a destination of encoded information;

a program code for storing information to be transmitted to the input destination;

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a program code for extracting pieces of information of identical destination and type from the information stored in the storage step; [[and]]

a program code for batch-transmitting the extracted information; and

disconnecting a line between batch transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that the monochrome image and the color image are respectively batch-transmitted via different calls.

46. (Currently amended) A computer program product having a computer-readable storage medium storing a computer program [[code]] which can be executed on a computer, the computer program product including:

a program code for inputting a destination for encoded information;

a program code for storing the information to be transmitted to the input destination;

a program code for extracting information of identical destination from stored information;

a program code for classifying the extracted information according to an information type so as to generate an information group constituted by information of the same type; [[and]]

a program code for transmitting the information for each of generated information groups; and

disconnecting a line between transmitting one of a monochrome image and a color image and batch-transmitting the other of the monochrome image and the color image to the identical destination so that the monochrome image and the color image are respectively transmitted via different calls.